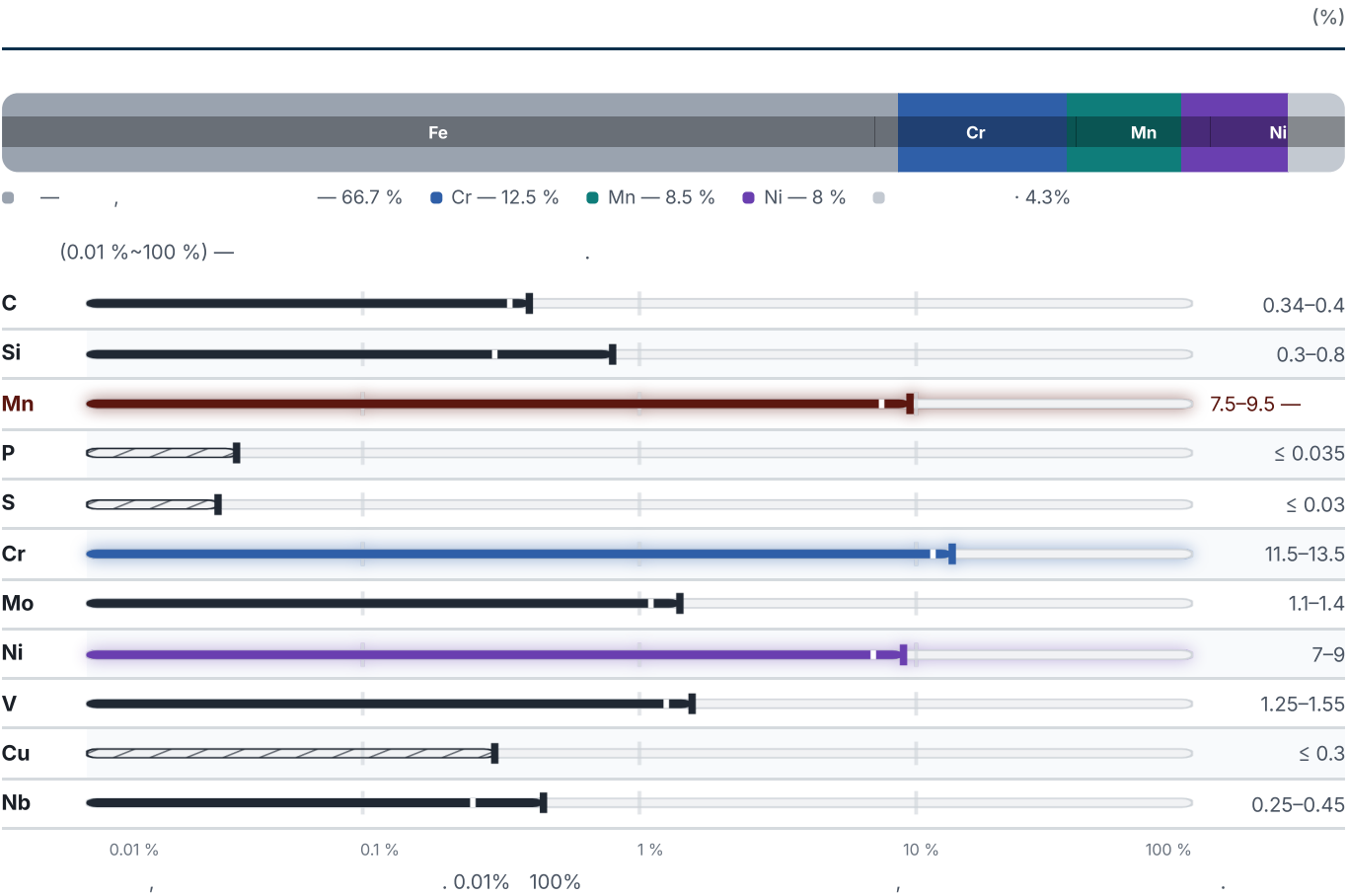


# 4X12H8Г8МФБ

37KH12N8G8MFB( )

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|                                                                            | RM<br>N/mm <sup>2</sup> | RE<br>N/mm <sup>2</sup> | A5<br>% | Z<br>% | KCU<br>kJ/m <sup>2</sup> |
|----------------------------------------------------------------------------|-------------------------|-------------------------|---------|--------|--------------------------|
| Heating 1140 - 1160°C, 1h,Cooling water, Ageing 660 - 790°C, 10 - 16h, air | 1000                    | 600                     | 20      | 25     | 350                      |
|                                                                            |                         |                         |         |        | HB                       |
| 37KH12N8G8MFB ( 37X12H8Г8МФБ ) (annealing) , Bar GOST 18907                |                         |                         |         |        | 269                      |

1

|     | RHO<br>g/cm <sup>3</sup> | E<br>GPa | ALPHA<br>10 <sup>-6</sup> /K | LAMBDA<br>W/(m·K) | RHO_EL<br>nΩ·m |
|-----|--------------------------|----------|------------------------------|-------------------|----------------|
| 20  | 7.85                     | 174      | —                            | —                 | 740            |
| 100 | —                        | —        | 15.9                         | 17.2              | 850            |
| 200 | —                        | 160      | 17.1                         | 18.5              | 900            |
| 300 | —                        | 150      | 18.2                         | 19.7              | 950            |
| 400 | —                        | 143      | 19.2                         | 21.4              | 1010           |
| 500 | —                        | 135      | 20.3                         | 23                | 1100           |
| 600 | —                        | 128      | 21.2                         | 24.8              | 1150           |
| 700 | —                        | 125      | 22.2                         | 25.9              | 1200           |
| 800 | —                        | —        | 23.2                         | 27.2              | —              |
| 900 | —                        | —        | 24.2                         | 29.3              | —              |

limited weldability.

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| 37KH12N8G8MFB | gost |
| 37X12H8Г8МФБ  | gost |
| 4X12H8Г8МФБ   | gost |
| ЭИ481         | gost |

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|--|----------|-------------------|-----|
|  | EN 10204 | EN 10204 2.1, 3.1 | 3.2 |
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4X12H8Г8MΦ5

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2026. 8. 17.